

## A NEW SPECIES OF ARTHROPHYLLUM FROM LAOS

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RÉSUMÉ : Description d'une Araliacée nouvelle du Laos, *Arthropphyllum macrocarpum* Philipson & Bui.

ABSTRACT: Description of a new *Araliaceae* from Laos : *Arthropphyllum macrocarpum* Philipson & Bui.

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*Arthropphyllum* Bl. is a distinctive genus within the *Araliaceae* of which the known range on the mainland of southeast Asia has hitherto been confined to the Malay Peninsula. With the recognition of the species here described the range is extended northwards to Laos. The present species possesses all the characters of habit and floral morphology which distinguish *Arthropphyllum* (particularly the distinctive form of the leaves of vegetative and flowering branches, and the single loculus of the ovary). It is distinguished from all other species by its large fruits.

### *Arthropphyllum macrocarpum* Philipson & Bui, *sp. nov.*

*Arbor foliis imparipinnatis. Inflorescentia ramis in proprium officium mutatis et in coronam terminalem dispositis, quater ramificantibus; umbellulis pedicellis circa 10, ca. 17 mm longis. Fructus ca. 17 × 9 mm.*

A small tree, becoming glabrous. Lower leaves imparipinnate, multijugate, 1 m long or more, petiole c. 50 cm long, striate; petiolules c. 10 mm long; leaflets ovate to ovate-lanceolate, c. 16 × 6,5 cm, attenuated to the apex, base rounded, margin entire, chartaceous, upper surface shining. Flowering branches about 50 cm long; leaves opposite; petiole c. 12 mm long; blade simple, lanceolate, c. 10 × 4 cm, base cuneate, apex apiculate; secondary rays 10-20 cm long, ending in a compound umbel. Pedicels 12-18 mm long, about 10 per umbellule. Flowers unknown. Fruit (when dry) ellipsoidal, compressed, c. 12-15 × 8-10 mm, reticulately wrinkled; calyx a prominent undulate rim; stylopodium rather flat with an erect central style; exocarp fleshy, endocarp cartilaginous, hard, smooth, compressed; endosperm ruminant.

TYPE : *Vidal 4361*, Laos, Borikhane Prov., Ban Keng Sa Dok, in dense woodland on sandstone (holo-, P).

VERNACULAR NAME: (*mak*) *douk' hin*.



Pl. 1. — *Arthrophyllum macrocarpum* Philipson & Bui : 1, imparipinnate lower leaf  $\times 4/9$ ; 2, detail of the blade  $\times 2/3$ ; 3, opposite upper leaves and infructescences  $\times 4/9$ ; 4, fruit  $\times 1,5$ ; 5, transversal section of the fruit  $\times 1,5$ . (1-5, Vidal 4361).